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United States Patent [19]

Sato

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[54] COLOR IMAGE INPUT APPARATUS
HAVING COLOR IMAGE IDENTIFYING
FUNCTION

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[57] ABSTRACT

A line sensor and image input section input a color image in a reading area containing an original, an original extracting section extracts an area of the original from the input image, a normalization section normalizes an image of the extracted original area to an image of preset size, an image averaging section converts the normalized image into an averaged image, and a brightness-hue-chroma converting section converts the averaged image in Vcd images used as color perception amounts of a human being. A pattern matching section collates the Vcd image with dictionary data in a dictionary data storing section to determine whether or not the original is a specified type of original such as a bill, and an image output controlling section determines whether or not image data output from the color image input section is to be output to the exterior based on the result of identification.

8 Claims, 24 Drawing Sheets

